

# INTERNATIONAL SEARCH REPORT

national application No.  
PCT/KR2004/001308

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7 H04L 12/28**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04J 1/16, H04L 12/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/0034162 A1 (Kenneth W. Brinkerhoff, Wayne P.Boese, Robert C. Hutchins, Stanley Wong) 21 March 2002 (21.03.02.) See the whole document	1, 2
A	WO 99/04515 A1 (Comsat Corp.) 28 January 1999 (28.01.99.) See the whole document	1, 2

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:  
"A" document defining the general state of the art which is not considered to be of particular relevance  
"E" earlier application or patent but published on or after the international filing date  
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
"O" document referring to an oral disclosure, use, exhibition or other means  
"P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
"&" document member of the same patent family

Date of the actual completion of the international search

14 SEPTEMBER 2004 (14.09.2004)

Date of mailing of the international search report

**14 SEPTEMBER 2004 (14.09.2004)**

Name and mailing address of the ISA/KR



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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/001308

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002/0034162 A1	21.03.02.	W0 200203745 A2	10.01.02.
W0 99/04515 A1	28.01.99.	US 6711140 B1	23.03.04.